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S/N 09/837,102

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: NOBUHARA ET AL. Examiner: JENNIFER A. BOYD
Serial No.: 09/837,102 Group Art Unit: 1771
Filed: APRIL 18, 2001 Docket No.: 13409.3US01
Title: FILTER CARTRIDGE AND PROCESS FOR PRODUCING THE SAME

CERTIFICATE UNDER 37 CFR 1.10:

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By: 

Name: John Winkers

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action of December 5, 2002, please amend this application as follows:

In the Claims

Please amend claims 2 and 11 to read as follows:

2. (amended) A filter cartridge which is prepared by winding a non-woven fabric strip comprising a thermoplastic fiber around a perforated cylinder in a twill form, said thermoplastic fiber being direction aligned, wherein the non-woven fabric strip satisfies the following equation

(B):

$$\log_{10} Y < 3.75 - 0.75 (\log_{10} X) \quad (B)$$

wherein X (cm³/cm²/sec) is an airflow amount of the non-woven fabric strip measured in accordance with JIS L 1096-A (1990), and Y (g/m²) is a basis weight thereof.